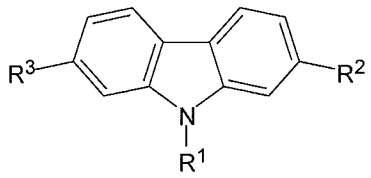
Amendments to the Claims

This listing of the claims will replace all prior versions and listings of claims in the application.

Listing of the Claims:

1. (Withdrawn) A compound of Formula I:



Formula I

wherein:

R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl, and 4-octyloxyphenyl;

R^2 and R^3 are independently selected from the group consisting of H, methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, formyl, hydroxymethyl, trityloxymethyl, cyanomethyl, chloromethyl, methyl diethylphosphonate, methyltriphenylphosphonium and vinyl,

with the proviso that:

both R^2 and R^3 are not H;

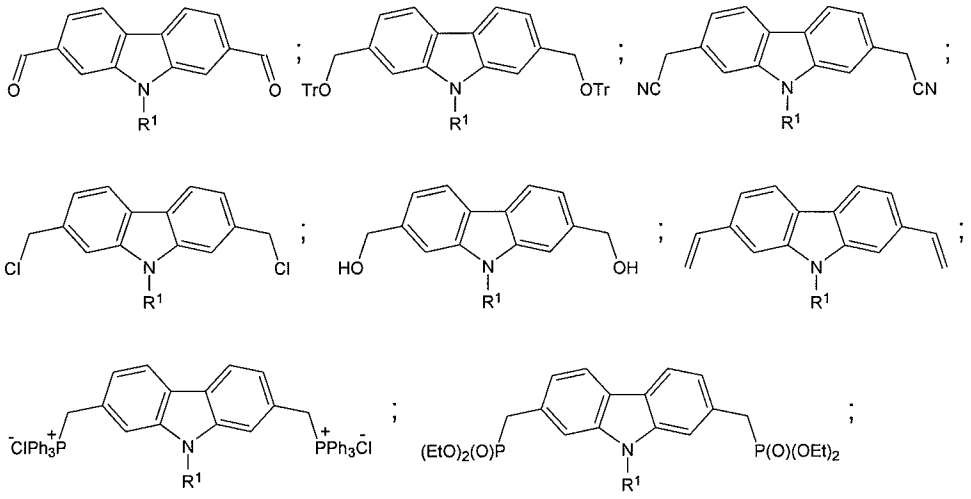
when R^1 is methyl, both R^2 and R^3 are not formyl;

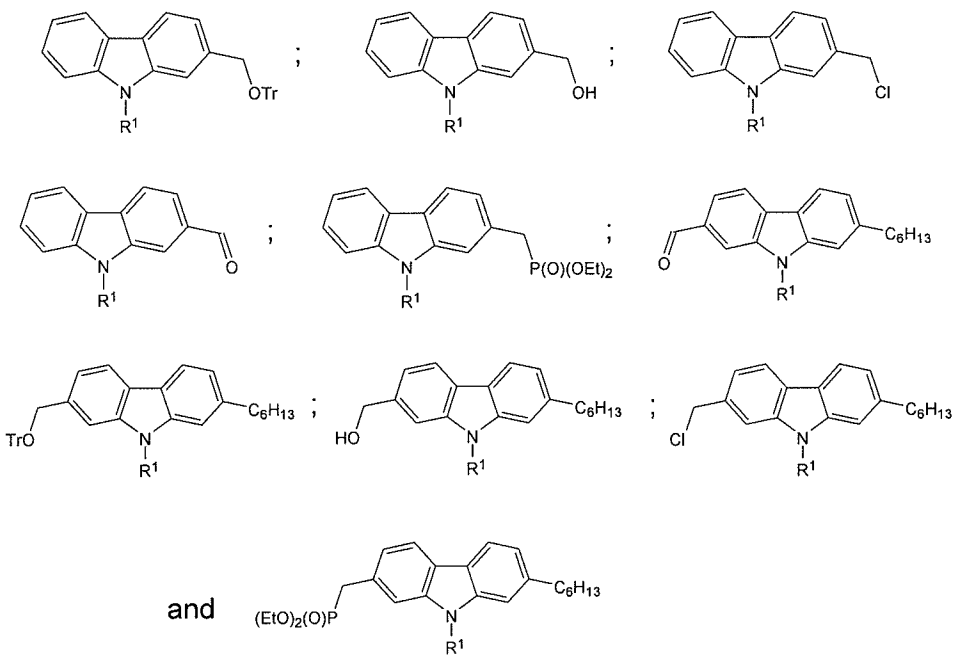
when R^2 is methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, or decyl, R^3 is selected from the group consisting

of formyl, hydroxymethyl, trityloxymethyl, cyanomethyl, chloromethyl, methyl diethylphosphonate, methyltriphenylphosphonium and vinyl; and

when R^1 is ethyl, R^2 is selected from the group consisting of hydroxymethyl, trityloxymethyl, cyanomethyl, chloromethyl, methyl diethylphosphonate, and methyltriphenylphosphonium and R^3 is selected from the group consisting of H, methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, formyl, hydroxymethyl, trityloxymethyl, cyanomethyl, chloromethyl, methyl diethylphosphonate, methyltriphenylphosphonium and vinyl.

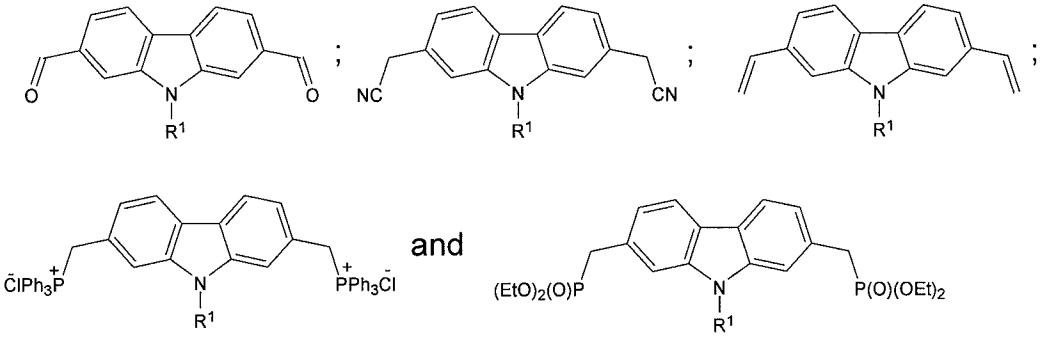
2 (Withdrawn) A compound as defined in claim **1**, selected from the group consisting of:





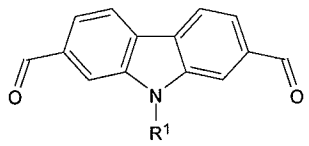
wherein R^1 is as defined in claim **1**.

3. (Withdrawn) A compound as defined in claim **1**, selected from the group consisting of:



wherein R^1 is as defined in claim **1**.

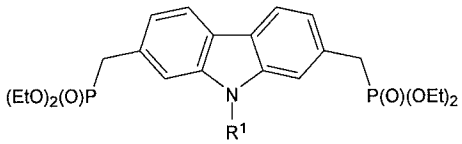
4. (Withdrawn) A compound as defined in claims **2** or **3** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

5. (Withdrawn) A compound as defined in claim **4**, wherein R^1 is hexyl, 2-ethylhexyl or 4-octyloxyphenyl.

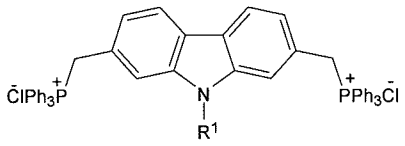
6. (Withdrawn) A compound as defined in claims **2** or **3** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, and decyl.

7. (Withdrawn) A compound as defined in claim **6**, wherein R^1 is hexyl or 2-ethylhexyl.

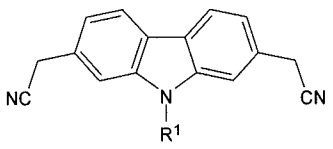
8. (Withdrawn) A compound as defined in claims **2** or **3** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, and decyl.

9. (Withdrawn) A compound as defined in claim **8**, wherein R^1 is 2-ethylhexyl.

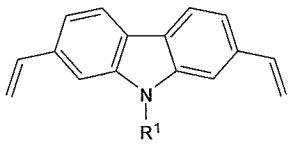
10. (Withdrawn) A compound as defined in claims **2** or **3** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, and decyl.

11. (Withdrawn) A compound as defined in claim **10**, wherein R^1 is 2-ethylhexyl.

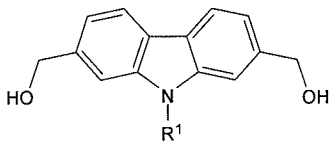
12. (Withdrawn) A compound as defined in claims **2** or **3** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, and decyl.

13. (Withdrawn) A compound as defined in claim **12**, wherein R^1 is 2-ethylhexyl.

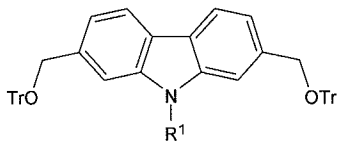
14. (Withdrawn) A compound as defined in claim **2** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, and decyl.

15. (Withdrawn) A compound as defined in claim **14**, wherein R^1 is hexyl or 2-ethylhexyl.

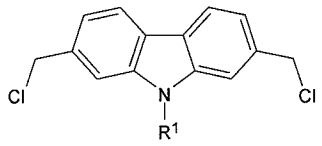
16. (Withdrawn) A compound as defined in claim **2** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

17. (Withdrawn) A compound as defined in claim **16**, wherein R^1 is hexyl, 2-ethylhexyl or 4-octyloxyphenyl.

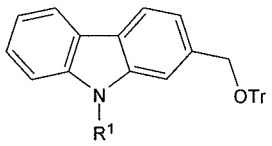
18. (Withdrawn) A compound as defined in claim **2** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, and decyl.

19. (Withdrawn) A compound as defined in claim **18**, wherein R^1 is hexyl.

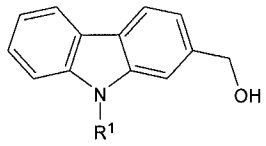
20. (Withdrawn) A compound as defined in claim **2** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, and decyl.

21. (Withdrawn) A compound as defined in claim **20**, wherein R^1 is hexyl.

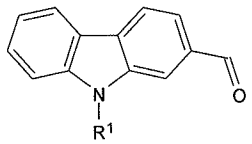
22. (Withdrawn) A compound as defined in claim **2** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, and decyl.

23. (Withdrawn) A compound as defined in claim **22**, wherein R^1 is hexyl.

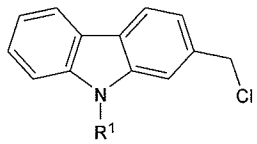
24. (Withdrawn) A compound as defined in claim **2** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, and decyl.

25. (Withdrawn) A compound as defined in claim **24**, wherein R^1 is hexyl.

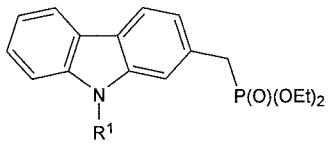
26. (Withdrawn) A compound as defined in claim **2** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, and decyl.

27. (Withdrawn) A compound as defined in claim **26**, wherein R^1 is hexyl.

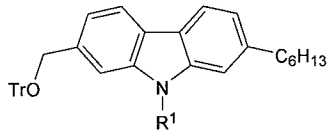
28. (Withdrawn) A compound as defined in claim **2** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, and decyl.

29. (Withdrawn) A compound as defined in claim **28**, wherein R^1 is hexyl.

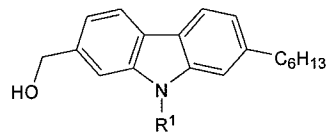
30. (Withdrawn) A compound as defined in claim **2** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, and decyl.

31. (Withdrawn) A compound as defined in claim **30**, wherein R^1 is methyl.

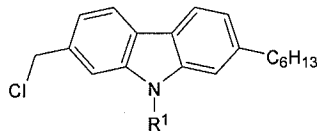
32. (Withdrawn) A compound as defined in claim **2** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, and decyl.

33. (Withdrawn) A compound as defined in claim **32**, wherein R^1 is methyl.

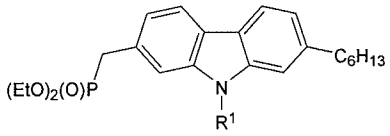
34. (Withdrawn) A compound as defined in claim **2** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, and decyl.

35. (Withdrawn) A compound as defined in claim **34**, wherein R^1 is methyl.

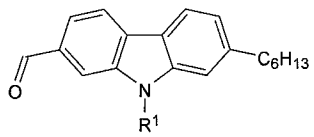
36. (Withdrawn) A compound as defined in claim **2** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, and decyl.

37. (Withdrawn) A compound as defined in claim **36**, wherein R^1 is methyl.

38. (Withdrawn) A compound as defined in claim **2** having the formula:

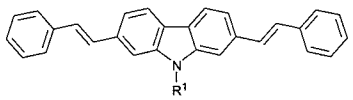


wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, and decyl.

39. (Withdrawn) A compound as defined in claim **38**, wherein R^1 is methyl.

40. (Withdrawn) An oligomer comprising the reaction product of a first compound of Formula I as defined in claim **1**, wherein at least one of R^2 or R^3 is selected from the group consisting of formyl, methyl diethylphosphonate, methyltriphenylphosphonium, cyanomethyl, and vinyl and wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octylphenyl, and at least a second compound, said second compound being either a compound of Formula I as defined in claim 1, wherein at least one of R^2 or R^3 is selected from the group consisting of formyl, methyl diethylphosphonate, methyltriphenylphosphonium, cyanomethyl, and vinyl and wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octylphenyl; benzaldehyde; 5,5'-diformyl-2-2'bithiophene, 4-bromo-1,1'biphenyl; benzyl cyanide; or 1,4-bis(methylphosphonate)benzene.

41. (Withdrawn) An oligomer as defined in claim **40** having the formula:

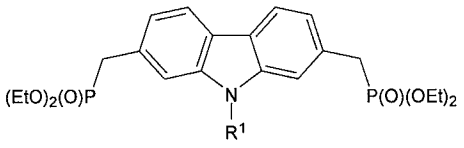


wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

42. (Withdrawn) An oligomer as defined in claim **41**, wherein R^1 is hexyl or 2-ethylhexyl.

43. (Withdrawn) An oligomer as defined in claim **42**, wherein R^1 is hexyl.

44. (Withdrawn) An oligomer as defined in claim **41** wherein the first compound of Formula I is of the formula:



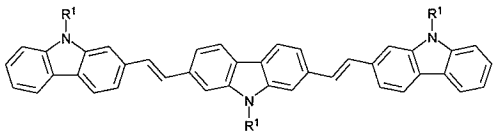
wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

45. (Withdrawn) An oligomer as defined in claim **44**, wherein R^1 is hexyl or 2-ethylhexyl.

46. (Withdrawn) An oligomer as defined in claim **45**, wherein R^1 is hexyl.

47. (Withdrawn) An oligomer as defined in any one of claims **41** to **46**, wherein the second compound is benzaldehyde.

48. (Withdrawn) An oligomer as defined in claim **40** having the formula:

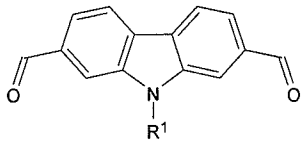


wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

49. (Withdrawn) An oligomer as defined in claim 48, wherein R^1 is hexyl or 2-ethylhexyl.

50. (Withdrawn) An oligomer as defined in claim **49**, wherein R^1 is hexyl.

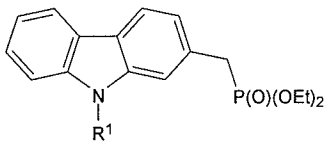
51. (Withdrawn) An oligomer as defined in claim **48** wherein the first compound of Formula I is of the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

52. (Withdrawn) An oligomer as defined in claim **51**, wherein R^1 is hexyl, 2-ethylhexyl or 4-octyloxyphenyl.

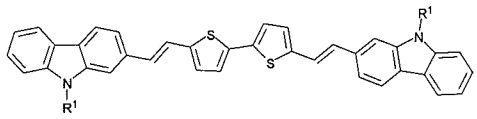
53. (Withdrawn) An oligomer as defined in claim **48** wherein the second compound of Formula I is of the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

54. (Withdrawn) An oligomer as defined in claim **53**, wherein R^1 is hexyl.

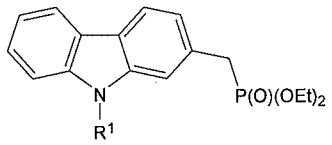
55. (Withdrawn) An oligomer as defined in claim **40** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

56. (Withdrawn) An oligomer as defined in claim **55**, wherein R^1 is hexyl.

57. (Withdrawn) An oligomer as defined in claim **55** wherein the first compound of Formula I is of the formula:

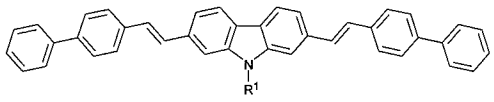


wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

58. (Withdrawn) An oligomer as defined in claim **57**, wherein R^1 is hexyl.

59. (Withdrawn) An oligomer as defined in any one of claims **55** to **58**, wherein the second compound is 5,5'-diformyl-2-2'bithiophene.

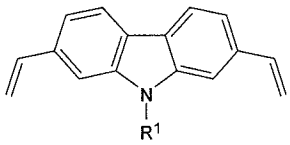
60. (Withdrawn) An oligomer as defined in claim **40** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

61. (Withdrawn) An oligomer as defined in claim **60**, wherein R^1 is 2-ethylhexyl.

62. (Withdrawn) An oligomer as defined in claim **60** wherein the first compound of Formula I is of the formula:

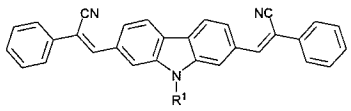


wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

63. (Withdrawn) An oligomer as defined in claim **62**, wherein R^1 is 2-ethylhexyl.

64. (Withdrawn) An oligomer as defined in any one of claims **60** to **63**, wherein the second compound is 4-bromo-1,1'biphenyl.

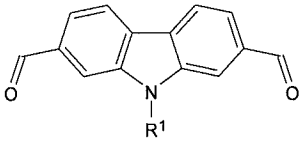
65. (Withdrawn) An oligomer as defined in claim **40** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

66. (Withdrawn) An oligomer as defined in claim **65**, wherein R^1 is hexyl, 2-ethylhexyl or 4-octyloxyphenyl.

67. (Withdrawn) An oligomer as defined in claim **65** wherein the first compound of Formula I is of the formula:

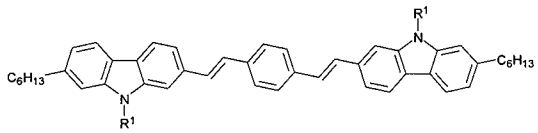


wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

68. (Withdrawn) An oligomer as defined in claim **67**, wherein R^1 is hexyl, 2-ethylhexyl or 4-octyloxyphenyl.

69. (Withdrawn) An oligomer as defined in any one of claims **65** to **68**, wherein the second compound is benzyl cyanide.

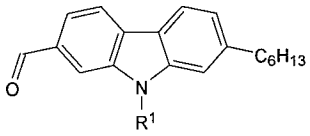
70. (Withdrawn) An oligomer as defined in claim **40** having the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

71. (Withdrawn) An oligomer as defined in claim **70**, wherein R^1 is methyl.

72. (Withdrawn) An oligomer as defined in claim **70**, wherein the first compound of Formula I is of the formula:

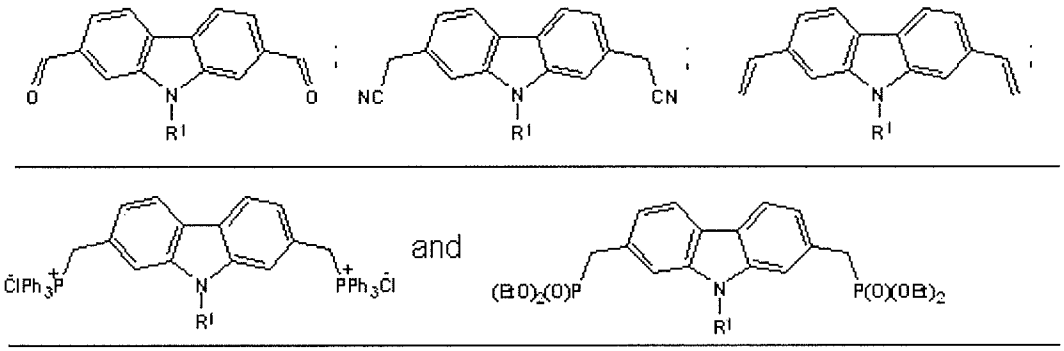


wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

73. (Withdrawn) An oligomer as defined in claim **72**, wherein R^1 is methyl.

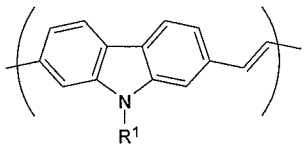
74. (Withdrawn) An oligomer as defined in any one of claims **70** to **73**, wherein the second compound is 1,4-(bis)methylphosphonate)benzene.

75. (Currently Amended) A polymer comprising the reaction product of a compound selected from the group consisting of:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl, and 4-octyloxyphenyl; ~~of Formula I as defined in claim **3**~~, and optionally ~~at least one compound selected from the group consisting of~~ 2,5-dioctyloxy-1,4-diformylbenzene~~; 2,5-bis(diphenylamino)terephthaldicarboxaldehyde; [4-(2-ethylhexyloxy)-phenyl]-bis-(4'formylphenyl)amine; 6,6'-dibromo-2,2'-bis(2''-ethylhexyloxy)-1,1'-binaphthyl; and 3-hexyl-2,5-bis(methylphosphonate)thiophene~~.

76. (Original) A polymer as defined in claim **75**, comprising monomeric groups of the formula:

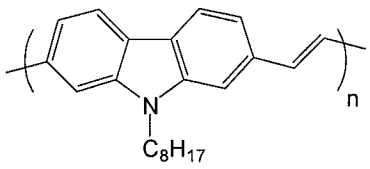


wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

77. (Original) A polymer as defined in claim **76**, wherein R^1 is hexyl or 2-ethylhexyl.

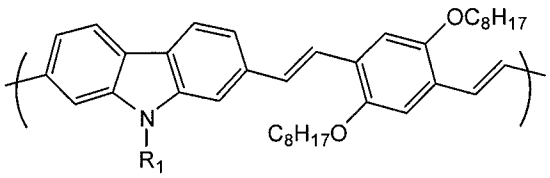
78. (Original) A polymer as defined in claim **77**, wherein R^1 is 2-ethylhexyl.

79. (Original) A polymer as defined in claim **78** having the formula:



wherein "n" is an integer ranging from 5 to 100.

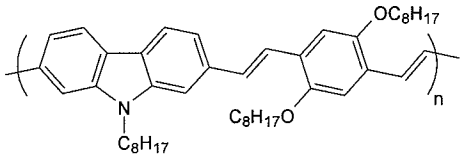
80. (Original) A polymer as defined in claim **75**, comprising monomeric groups of the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

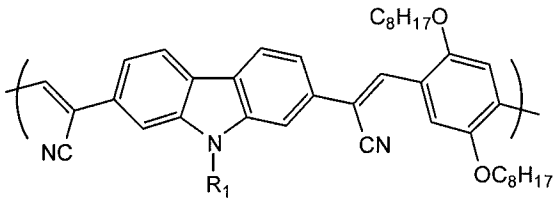
81. (Original) A polymer as defined in claim **80**, wherein R^1 is hexyl or 2-ethylhexyl.

82. (Original) A polymer as defined in claim **81** having the formula:



wherein "n" is an integer ranging from 5 to 100.

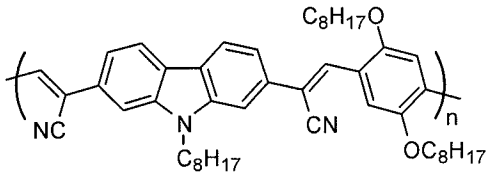
83. (Original) A polymer as defined in claim **75**, comprising monomeric groups of the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

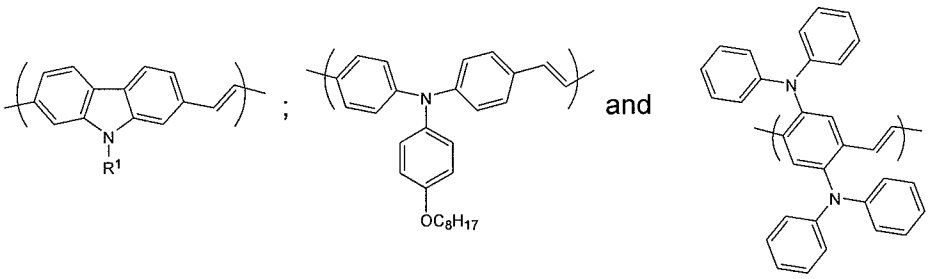
84. (Original) A polymer as defined in claim **83**, wherein R^1 is hexyl or 2-ethylhexyl.

85. (Original) A polymer as defined in claim **84** having the formula:



wherein "n" is an integer ranging from 5 to 100.

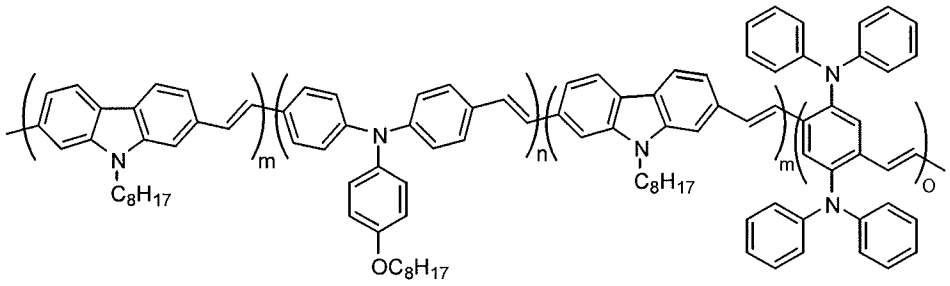
86. (Withdrawn) A polymer as defined in claim **75**, comprising monomeric groups of the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

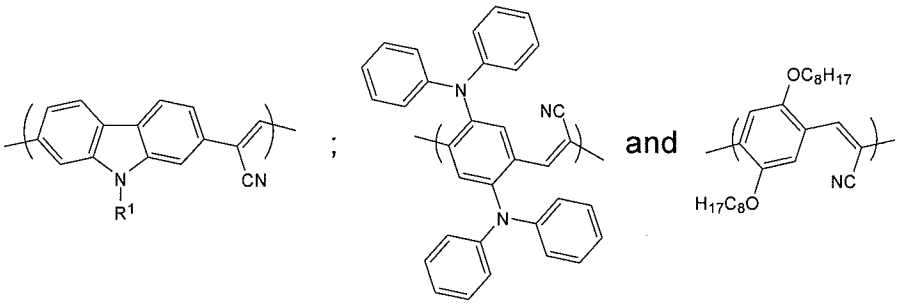
87. (Withdrawn) A polymer as defined in claim **86**, wherein R^1 is hexyl or 2-ethylhexyl.

88. (Withdrawn) A polymer as defined in claim **87** having the formula:



wherein "n", "m", and "o" are integers ranging from 5 to 100.

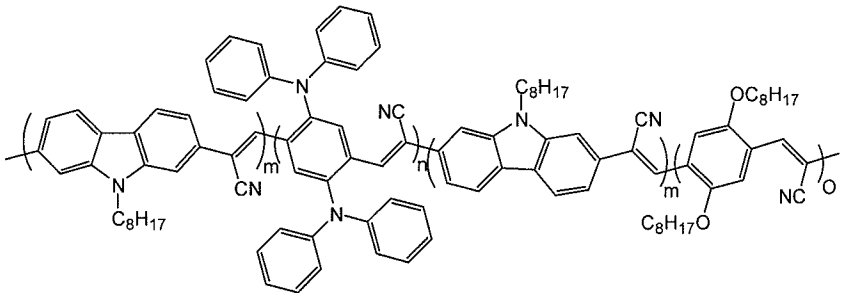
89. (Withdrawn) A polymer as defined in claim **75**, comprising monomeric groups of the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

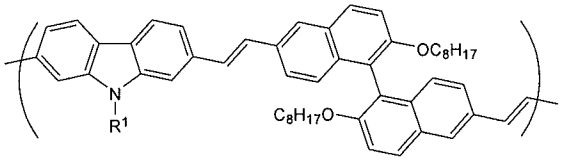
90. (Withdrawn) A polymer as defined in claim **89**, wherein R^1 is hexyl or 2-ethylhexyl.

91. (Withdrawn) A polymer as defined in claim **90** having the formula:



wherein "n", "m", and "o" are integers ranging from 5 to 100.

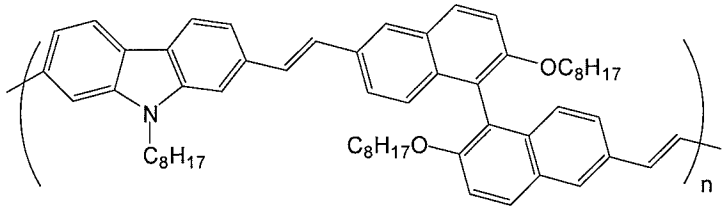
92. (Withdrawn) A polymer as defined in claim **75**, comprising monomeric groups of the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

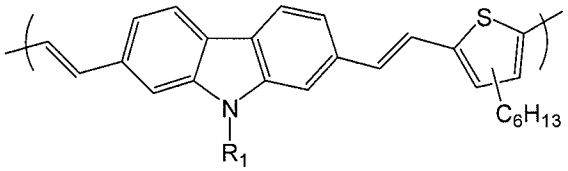
93. (Withdrawn) A polymer as defined in claim **92**, wherein R^1 is hexyl or 2-ethylhexyl.

94. (Withdrawn) A polymer as defined in claim **93** having the formula:



wherein "n" is an integer ranging from 5 to 100.

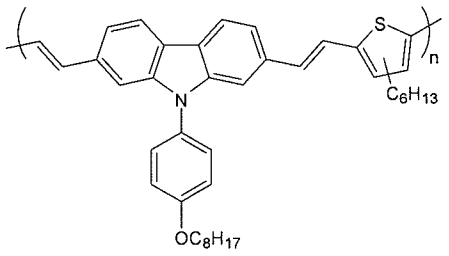
95. (Withdrawn) A polymer as defined in claim **75**, comprising monomeric groups of the formula:



wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

96. (Withdrawn) A polymer as defined in claim **95**, wherein R^1 is 4-octyloxyphenyl.

97. (Withdrawn) A polymer as defined in claim **96** having the formula:



wherein "n" is an integer ranging from 5 to 100.

98. (Amended and Withdrawn) A 2,7-carbazolenevinylene-based material having charge transport properties comprising the ~~oligomer and/or~~ polymer of ~~claims 40-97~~ **75**.

99. (Amended and Withdrawn) A film or coating having charge transport properties for use in an electronic device, comprising the ~~oligomer and/or~~ polymer of ~~claims 40-97~~ **75**.

100. (Withdrawn) The film or coating of claim **99**, wherein the electronic device is configured as a light-emitting diode.

101. (Withdrawn) The film or coating of claim **99**, wherein the electronic device is configured as a field-effect transistor.

102. (Withdrawn) The film or coating of claim **99**, wherein the electronic device is configured as a solar cell.